

For Research Use Only

SPTLC2 Monoclonal antibody

Catalog Number: 68094-1-Ig

Featured Product



Basic Information

Catalog Number:

68094-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28380

GenBank Accession Number:

BC005123

GeneID (NCBI):

9517

UNIPROT ID:

O15270

Full Name:

serine palmitoyltransferase, long chain base subunit 2

Calculated MW:

63 kDa

Observed MW:

60 kDa

Purification Method:

Protein G purification

CloneNo.:

2G6A12

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, HEK-293 cells, Jurkat cells, HepG2 cells, A549 cells, K-562 cells

Background Information

Serine palmitoyltransferase long chain base subunit 2 (SPTLC2) is one of the subunits of the heterodimeric molecule Serine palmitoyltransferase (SPT). Sptlc2 deficiency not only affected T cell sphingolipid anabolism but also led to prolonged activation of the mechanistic target of rapamycin complex 1 (PMID: 30952607).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

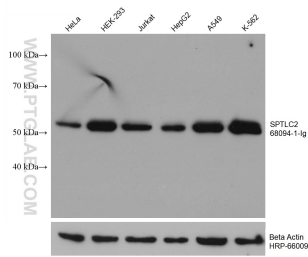
T: 4006900926

E: Proteintech-CN@ptglab.com

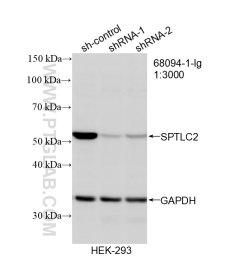
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68094-1-Ig (SPTLC2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



WB result of SPTLC2 antibody (68094-1-Ig: 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SPTLC2 transfected HEK-293 cells.